antibodies - online.com







anti-MATN2 antibody (C-Term)



Image



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Quantity:	0.1 mg
Target:	MATN2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MATN2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)
Product Details	
1 Toddet Details	
Immunogen:	MATN2 antibody was raised against a 15 amino acid peptide from near the carboxy terminus of human MATN2.
Immunogen:	human MATN2.
Immunogen: Isotype:	human MATN2.
Immunogen: Isotype: Specificity:	human MATN2. IgG This antibody detects Matrilin-2.
Immunogen: Isotype: Specificity: Cross-Reactivity (Details):	human MATN2. IgG This antibody detects Matrilin-2. Species reactivity (tested):Human, mouse, rat
Immunogen: Isotype: Specificity: Cross-Reactivity (Details): Purification:	human MATN2. IgG This antibody detects Matrilin-2. Species reactivity (tested):Human, mouse, rat

Target Details

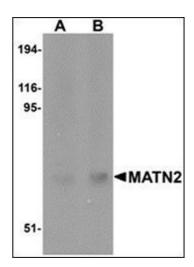
Storage:

Storage Comment:

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Background:	Matrilin (MATNs) are a family of non-collagenous extracellular matrix proteins consisting of			
	four known members that have been proposed to play key roles in the formation of both			
	collagen-dependent and collagen-independent filamentous networks. The matrilin family all			
	share a structure made up of von Willebrand factor A domains, epidermal growth factor-like			
	domains and a coiled coil alpha-helical module. MATN1 and MATN3 are expressed mainly in			
	cartilage, while MATN2 and MATN4 occur in a wide variety of extracellular matrices. The			
	matrilin genes are strictly and differently regulated and their expression may serve as markers			
	for cellular differentiation and diseases such as astrocytoma and liver carcinoma. Recent			
	studies show that MATN2 is a permissive substrate for axonal growth and cell migration, and it			
	is required for successful nerve regeneration.Synonyms: MATN2			
Gene ID:	4147			
NCBI Accession:	NP_085072			
UniProt:	000339			
Application Details				
Application Notes:	ELISA. Western blot.			
	Other applications not tested.			
	Optimal dilutions are dependent on conditions and should be determined by the user.			
Restrictions:	For Research Use only			
Handling				
Buffer:	PBS containing 0.02 % sodium azide			
Preservative:	Sodium azide			
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which			
	should be handled by trained staff only.			
Handling Advice:	Avoid repeated freezing and thawing.			
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Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.

4 °C/-20 °C



Western Blotting

Image 1. Western blot analysis of MATN2 in human liver tissue lysate with this product at (A) 1 and (B) 2 μ g/ml.